M.N Srinivasaiah

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

127213

Serial No. ..... 1st and final Bill R/O. 30/7/14.

Name of work ..... Construction of Additional 1st Floor Building (Ambedkar Bhavan)

Name of Contractor of nature of Agency ..... in usual No 7 ..... By Agency arrangement

Date of commencement of work... Est Cost Rs. 25.0 Lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	JOB NO: 007-14-000081.						
	AS NO: JC(y)AS NO/870/14-15						
	TS NO: EE/BTP/TS NO/283/13-14						
	Agency: KRIDL						
	Work order NO: EE/BTP/W.O/588/13-14						
	Agg NO: EE/BTP/Agg NO/588/13-14						
①	Earth work Excavation for foundation for Buildings water supply and Electrical Conduits cables in pits or in Trench etc complete as per Specification Bottom and Bit & Dia Trench etc Complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is recorded in this o/s vide p.no 127278.						
	Qty = 38.07 cum @Rs 223.66/cm					Rs	8515=00
2)	providing and laying C.Concrete of Mix M 7.5 with ope @ 180 kgs with 40mm and down size Graded granite metal Course etc complete as per specification						
	Qty Recorded in this o/s vide p.no 127278.						
	Qty 9.95 cum @Rs 4211.38/cm					Rs	41920=00
3)	providing and laying Rcc of Mix 1:1½:3. with 20mm and down Size Jelly laid in 15cm thick vibrated Rcc Beams and Columns etc Complete as per specification						
	Qty Recorded in this o/s vide. p.no 127278						
	Qty = 65.56 cum @Rs 5150.54/cm					Rs	3,37,665=00

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. .....

127220

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	providing and Constructing Granite/trap/basalt/size stone Masonry in Foundation with CM 1:6 stone lawar dressed etc complete as per specification. Qty Recorded in this MB vide. P.NO 127273 Qty = 19.62 cum @ Rs 3484.22/cum					Rs	68360=00
5)	providing and Constructing SSN for Basement in CM 1:6 edges of stone dressed in Course and Random 15cm high Bed stones at 2m apart in Each Course including Cost of all material etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wall	2	18.0	0.45	0.45	7.29 Cu	
		3	3.0	0.45	0.45	1.82	
		2	4.10	0.45	0.45	1.66	
		4	1.20	0.30	0.30	0.43	
					Total	11.21	
	Reduction pillr	8	0.45	0.23	0.45	- 0.37	
					Balance	10.83 Cu	
		@ 4148.84/cu				By	42,947 = w
6)	providing and laying pce of mix M-20 with opc @ 380 kg						
	with down and down as per Specification	Size Graded Granite metal at complete					
		2	18.0	0.45	0.15	2.43 Cu	
		3	3.0	0.45	0.10	0.41	
		2	4.10	0.45	0.10	0.37	
		4	1.50	0.45	0.10	0.24	

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No. C/08

Serial No. 127221

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@Rs 4164.74/cum					Rs	14343=00
7)	filling of Available Excavated Earth in Side foundation upto plinth in layer not exceeding 20cm in depth comprising etc complete as per specifications	1	18.0	3.14	0.45	25.43 cum	
	@Rs 99.64/cum					Rs	2534.-00
8)	providing and Constructing per Cent Concrete Solid blocks with Compressive strength not less than 35 kg/sqcm. with CM 1:4 Masonary blocks of size 40×20×15cm as per Specifications	2	18.0	3.60	—	129.60 Sq	
		3	3.0	3.60	—	32.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deduction D/o	1	1.20	2.20	—	2.64	C.B.F.C
	D/o	2	1.0	2.20	—	4.40	
	w/o	3	1.50	1.20	—	5.40	
	w/o	6	0.75	0.60	—	2.70	
						15.14 Sq	30/7/2014
	Balance Qty = 162.00 − 15.14 = 148.86 Sqm						
	@ 913.72 Sqm					Rs	165,876=00
9)	providing Constructing Solid Blocks with psc not less than 35 kg/cm with CM 1:4 proportion etc complete as per specifications						
	Size 40x20x20cm						
	Toilet Room	2	4.10	2.20	—	18.04 Sq	
		4	1.50	2.20	—	13.20	
	1st Floor walls	1	31.66	3.0	—	94.98	
	parapet	1	31.66	0.75	—	23.74	
						149.92 Sq	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127222

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deduction D_2	6	0.75	2.20	—	9.90 Sqm	
		10	1.0	1.20	—	12.0	
		8	0.45	3.0	—	10.80	
						32.70	
	Below 149.92 − 32.70 = 148.51 Sqm @ Rs 808.7 per Sqm					Rs	1,20,108=00
10)	providing and laying in Reg's design Mix with OPC @ 240 Kgs with 20mm and down size graded granite metal Coarse aggregate Concrete Laid in layer not Exceeding 15 cm thick etc complete as per Specification						
	R.C.C. Inlet Toilet Rm	2	18.0	0.20	0.15	1.08 cmt	
		3	3.0	0.20	0.15	0.27	

30/7/2014

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	4.10	0.10	0.15	0.12 Cum	
		4	1.50	0.10	0.15	0.09	
		1	19.0	0.20	0.10	0.38	
		4	3.0	0.20	0.10	0.24	
	R.C.C Roof Slab	1	18.0	3.40	0.15	9.18	
	1st Floor Lintel	1	31.66	0.23	0.15	1.09	
	Roof Slab	1	8.50	7.90	0.15	10.07	
					Totally	22.53 Cum	
			@ Rs 4777.42/Cum			Rs 10,762.5=00	
11)	providing laying in RCC of design Mix M-20 OPC @ 320kgs with 20mm and down size Graded granite fine Aggregate @ 0.69 Cum and fine Aggregate Complete as per Specification						
	Toilet Rcc Beam	2	18.0	0.30	0.45	4.86	
		4	3.0	0.30	0.45	1.62	
	Rcc Column	12	0.23	0.23	3.80	2.41	

CSFC
30/7/2014

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

i27223

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Floor Ree Beam	4	8.50	0.30	0.45	4.59 cmt	Coffee
		2	7.90	0.30	0.45	2.13	30/7/2014
	Ree column	8	0.45	0.23	3.0	2.48	
					Total	18.10 cmt	
			@Rs 5585.32 cmt			Rs	1,00,185=00
12)	providing and laying in position Ree & mix @ 11.20 OPC @ 27.20 kg with 12mm and down size graded granite metal coarse aggregate @ 0.58 cum etc complete as per specification						
	Chajja. Toilet	1	18.0	0.75	–	13.50 Sqm	
		10	1.50	0.75	–	11.25	
						24.75	
		@Rs 457.92/Sqm				Rs	11334=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	providing TMT Steel Reinforcement for RCC works including straighting cutting, bending, hooking placing etc complete as per Specification lapping and welding etc complete as per Specification						
	Qty Recorded in this MB vide P.No 127282						
	8mm ϕ – 441.420 m x 0.395 kg/m = 174.35 kg						
	10mm ϕ – 1715.0 m x 0.617 kg/m = 1058.16 kg						
	12mm ϕ – 2286.108 m x 0.888 kg/m = 2030.08 kg						
	16mm ϕ – 842.08 m x 1.60 kg/m = 1347.86 kg						
	20mm ϕ – 512.00 m x 2.45 kg/m = 1254.20 kg						
	Totally 5864.65 kg ≈ 58.649						
	≈ 56.37 Quintal @ ₹ 7312.94/ Quintal					₹ 4,12,230 = 00	
14)	providing and Removing Centering shuttering propping etc and Removal of form works for flat Surface as Suspended floor landing Room including Cutt & all materials etc.						

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. .....

127224

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Recorded in this bill vide P.no. 127280						
	Qty = 359.97 sqm @ Rs 284.04 /sqm					Rs	102260=00
15)	providing 12mm thick C.M of Single coat with Cement mortar 1:3 for						
	ceiling including Rounding etc complete as per Specifications						
	Total						
	1st floor slab	1	18.0	3.20	—	57.60 Sqm	
	beam	1	8.10	7.80	—	63.18	
		2	8.10	0.30	—	9.72	
					Totally	130.50 Sqm	
		@ Rs 163.24/Sqm				Rs	21,303=00
16)	providing 18mm thick Cement plaster in Single coat with Cement						
	Mortar 1:3 to bricks Masonary including Rounding & Corners where						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	is required smooth pendaring etc complete as per specifications						
	Toilet outside walls	2	18.0	3.0	—	108.00 Sqm	
	SWs	5	3.0	3.0	—	45.00	
		4	4.50	2.20	—	39.60	
		8	1.50	2.20	—	26.40	
						219.00	
	Ist flor Inside	2	8.00	3.0	—	48.00	
		2	7.50	3.0	—	45.00	
						103.50	
	Deduction D2	6	0.75	2.20	—	-9.90	
						93.60	
	Totally 219.0 + 93.60 = 322.50 Sqm						
	Say 289.88 Sqm					Rs	67686=00
17)	providing 18 months cure plastering Single coat with CM 1:6 to B.W wall out side						
	Toilet out side	2	18.0	—	5.0	180.00	
		1	3.40	—	5.0	17.00	

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Measurement Book

No. C/08

i27225

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st floor	2	8.50	-	4.88	20.74 Sq	
		2	7.90	-	4.88	19.28	
					Totally	237.02	
	Deduction D/O	3	1.0	—	2.20	1.10	
	W/O	5	1.0	—	1.20	3.60	
	V/O	6	0.75	—	0.60	1.35	
	W/O	10	1.0	-	1.20	0.60	
					Totally	66.50 Sq	
	Balance Qty = 237.02 - 66.50 = 230.37 Sq						
		@ Rs	165.36 Sq			Rs	38,093 = 00

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
18)	providing Lime Rendering to wall and Ceiling, Qty is taken as Item no 15 + 16			130.50 + 209.88 = 340.38				
				@ Rs 19.08/ Sqm			Rs	6495=00
19)	providing and fixing of steel Door.							
		D_1	1	1.20	—	2.20	2.64 Sqm	
		D_2	2	1.0	—	2.20	4.40	
						Totally	7.04 Sqm	
				@ Rs 3710.00/Sqm			Rs	26,118=00
20)	providing and fixing of Aluminium steel windows.							
	G.F	W	3	1.50	—	1.20	5.40 Sq	
		W_1	2	1.0	—	1.20	2.40	
		V	6	0.75	—	0.6	2.70	
	F.F	W	10	1.20	—	1.20	14.40	
						Totally	24.90 Sq	

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Measurement Book

No. C/08

127226

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@Rs 3726.96/Sqm					Rs	92881=00
21)	providing fixing of pvc doors of 20x200mm.						
	pvc doors/wc	6	0.75	—	2.20	9.90 Sqm	
			@Rs 1860.30/Sqm			Rs	18417=00
22)	providing and laying Alc sheet Roofing						
		1	18.0	4.0	—	72.00Sqm	
			@Rs 397.50/Sqm			Rs	28620=00
23)	providing Ceramic Tails Size 30x30 cm Approved Matt shade and size to flooring specifications	12nos tiles. in CM 1:3 etc				Complete as per	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Toilet	1	18.0	6.50	–	117.00 Sqm	
	Ist Floor	1	8.10	7.10	–	57.51	
					Totally	174.51	
		@ Rs 933.86/Sqm				Rs	162967=00
24)	providing and fixing of vitrified Glazed of Quality and Colour of Size 600×600×10mm thick etc Complete as per Specification						
	Toilet	6	4.70	2.20	–	62.04 Sqm	
				@ Rs 933.86/Sqm		Rs	57937=00
25)	providing white vitreous china slow flush low level Basin 430×260×350 mm with 10 lit of PVC Automatic flusher.	4 NO	@ Rs	@ Rs 5148.48/NO		Rs	20594=00
26)	providing white vitreous W.C.	2 NO	@ Rs	6700.28/NO		Rs	13401=00

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. 127227

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
27)	providing and applying painting in two coats. for walls and ceiling Qty is taken as Item NO (16) 322.50 sq.mt						
	@Rs 79.50/Sqm					Rs	25639=00
28)	providing and applying painting in two coats with plastic Emulsion paint Qty is taken as S'NO (17).						
	Qty = 230.37 Sqm @Rs 63.07/Sqm					Rs	14529=00
29)	providing and applying Emulsion paint for Door's and windows.						
	Qty S.NO 19+20	2.25 x 31.94 =		71.87 Sqm			
				@Rs 76.32/Sqm		Rs	2438=00 5485=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30)	providing and fixing HDPE pipe	6	10.0	@ Rs 447.32/sqm		60.00 mL Rs	26,839=00
Electricals							
31)	providing Groove cutting 32mm dia - 2.5mm thick	1	80.0	—	— @ Rs 68/rm	80.0 Rs Rs	5440=00
32)	Supply & wooden Box						
	10" x 7" x 3"	4 NO	@ Rs 68/NO			Rs	272=00
	8" x 6" x 3"	4 NO	@ Rs 52/NO			Rs	208=00
33)	Supply and fixing PVC metal Junction Box						
	32mm	15 NO	@ Rs 29/NO			Rs	436=00
	32mm deep	8 NO	@ Rs 33/NO			Rs	264=00
	Four Box 8 Sway	8 NO	@ Rs 57/NO			Rs	456=00

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Measurement Book

No. C/08

Serial No. 127228

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
34)	point wiring using Copper Switch Supplying and wiring adopting ote pvc Conduits						
	a) Spot points	8 NO	@ Rs 175/NO			Rs	1400=00
	b) Medium point	8 NO	@ Rs 260/NO			Rs	2080=00
	c) Long point	4 NO	@ Rs 368/NO			Rs	1472=00
35)	Supply of Superior Quality of Switch						
	1 to 3 Modular	6 NO	@ Rs 82/NO			Rs	492=00
	8 Modular	4 NO	@ Rs 175/NO			Rs	700=00
36)	Supply of Modular Sockets						
	6 amps on way	25 NO	@ Rs 96/NO			Rs	2400=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6 Amps 3 way Socket	6 NO @ Rs 165/NO				Rs	990=00
	Stepped Pear Rayulab	6 NO @ Rs 520/NO				Rs	3120=00
37).	Supply Fluorcent Tube light fittings.	6 NO	@ Rs 380/NO			Rs	2280=00
38)	Supplying Incandiscent lamp.	6 NO @ Rs 14/NO				Rs	84=00
39)	Supply & Celling Fan	4 NO @ Rs 1950/NO				Rs	7800=00
40)	Supply & DP Switch	1 NO @ Rs 630/NO				Rs	630=00
41)	Supply & 230 V. PBB Lamps	1 NO @ Rs 60/NO				Rs	60=00
42)	Supply & MCB	1 NO @ Rs 560/NO				Rs	560=00
43)	Supply & wooden Board.	1 NO @ Rs 285/NO				Rs	285=00
44)	Supply & Fluorcent tune,	1 NO @ Rs 100/NO				Rs	100=00
45)	providing and wiring Ground Cutouts and other equipments						

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. 127229

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 NO @ Rs 1950		NO		Rs 1950=00	
46)	Insulated Cable	2 x 5 =	10mt	@ Rs 45/mt		Rs 450=00	
						Totally 2,00,879=00	
	Add 11% KRIDL charges					24,097=00	
	1% Labour Welfare cess charges					2,009=00	
						Totally 24,84,984=00	
	Certificate: Certified that the above said work is completed satisfactorily.						
	work is carried out as per the BOM limit, no deviations in work done						
	checked & found all items are correct & the cable is installed						
						JE	30/7/14